Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. **First & Final Bill**
Date.....20.....

Division : Dasarahalli Sub-Division: T Dasarahalli
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No
Name of Work (as per sanctioned estimate): Providing Sinking of Borewell drilling and pumps in Dasarahalli ward no 15.
Name of Contractor and Full Address :**Smt CS Girija, #133, Maruthi krupa,2nd stage, 9th block, 11th main, Nagarabhavi, Bangalore-560072**

Reference to Agreement No. EE/DD/AGR/100/20-21, **Date: 19.09.2020**

Certified that the measurements were taken by me on 21-06-21 and recorded of pages 65824 to 65827 measurement Book No. 659/17-18 and that the work is satisfactorily executed.

C.S.Girija
Contractor

21/06/2021
Officer-in-charge of work

Certified that the measurements were taken by me on 21/06/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment **015-20-000102**

1) Total value of work done or supplies made as per account
2) Deduct amount to be held in reserve being.....@.....percent Rs.....
3) Deduct amount to be held in reserve being Balance
4) Deduct Payment :
   a) Amount of previous payments as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

1st and Final Bill → 354395-00
IT → 35454-00
LWC → 35454-00
CBF → 3545-00
FSD → 177270-00
Fine → 2775-00
CesT → 31655-00
SAST → 31655-00
317808/-
Net → 3227587-00

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division, Bengaluru-73.

Contractor's Signature
C.S.Girija

Received Rs.....(in works)
.....
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....

Paid by me by cheque No.....Dated.....

Cash Rs.....

Initials of Officer Making Payment Dated .....

(For use in the Office)
Audited and admitted for Rs 354395/-
Passed by Cheque for Rs 3227587/-
Thirty Two Lakhs Twenty Seven Thousand Five hundred Eight seven only
by adjustment Rs 317808/-
Signature of Contractor
Accountant Superintendent Exe. Engineer
B.B.M.P. Dasarahalli Division

Executive Engineer

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Sl no	Description of Item
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's method including recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. its quality , quality & acceptabality of the users indicating the location of the site recommendeddepth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tapped propable yield and other information required including transportation of instrument and accessories to work site, engating technical personal and labour etc.
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & abpve in al strata including over burden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transporation of rig and surpporting vehicles, screws charges and cost of consumable including yield testing at the final depth with a minimum working of compressor for one hour all as specified.,
3	0 to 50 Mtr
4	50 to 100 Mtr
5	100to 150 Mtr
6	150 to 200 Mtr
7	200 to 250 Mtr
8	250 to 300 Mtr
9	300 to 350 Mtr
10	350 to 400 Mtr
11	Providing and Fixing 250mm dia PVC pipe and as per Specification and Direction
12	Supply of ISI Mark nominal bore, plain end steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest amendments, electrical resistance welded steel tube material and conforming to IS 1387- 1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7m. Both ends threaded conforming to IS 554-1985, one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes. All pipes shall be resonably free from defects. The tubes shall be resonably straight and should be with ISI marking weighing 25.10kg/m
13	Providing and fixing MS casing collars as per IS 1239 (part-II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments
14	Providing and laying at site of work MS casing caps as per IS 1239 (part-II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge
15	Supplying and delivery of Submersible Pump Sets of 150mm dia suitable for bore well and confirming to IS 8034 specifications and its latest ammendments, 3-Phase, SS Bowl and impeller with low volt motor with testing as per instructions of Engineer incharge of work. (15 HP/35 STG)
	Supplying, laying, jointing testing and commissioning of GI pipes confirming to IS 1239:1990 with latest amendments, including fising collars, Elbows, Tees, bends, Glad Cocks and other Fittings (Excluding Cost of Specials) with Cuts and Threads wherever necessary including conveying the materials to workspot, including testing for water tightness with all lead and lifts etc complete (Contractor shall make his own arrangements for procuring water for testing) Class-C -Heavy 50mm Dia

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Unit	Rate	Previous Measurement		Present Measurement		Total Upto Date	
		Qty	Cost	Qty	Cost	Qty	Cost
Each	3918.72	–	–	3.00	11756.00	3.00	11756.00
Rmtr	360.88	–	–	150.00	54132.00	150.00	54132.00
	459.68	–	–	150.00	68952.00	150.00	68952.00
	474.24	–	–	150.00	71136.00	150.00	71136.00
	557.44	–	–	150.00	83616.00	150.00	83616.00
	659.36	–	–	150.00	98904.00	150.00	98904.00
	728.00	–	–	150.00	109200.00	150.00	109200.00
	858.00	–	–	150.00	128700.00	150.00	128700.00
	936.00	–	–	150.00	140400.00	150.00	140400.00
Rmtr	1189.76	–	–	75.00	89232.00	75.00	89232.00
Rmtr	1378.00	–	–	550.00	757900.00	550.00	757900.00
No	156.00	–	–	3.00	468.00	3.00	468.00
No	104.00	–	–	3.00	312.00	3.00	312.00
No	70433.00	–	–	3.00	211299.00	3.00	211299.00
Rmtr	481.52	–	–	900.00	433368.00	900.00	433368.00

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Sl no	Description of Item
16	Suppy and fixing 50mm dia GI collar Heavy duty
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990.3C X 6.0Sq.mm
18	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 With ISI Mark and as per its latest amendments 50mm Dia
19	Supplying and delivery at site brand new star/Essen/Lotus/Sun-Shines/Adarsh/ G.K.Controls Best Indigenous make combined energy meter-cum-control panel board unit minimum mechanically strong suitable for operation on 3HP 50HZ 380/440 Volts AC supply with spring loaded latch locking Device with a key Ribbs should be provided. contron panal board unit suitable for operation on 3HP 50HZ 380/440 Volts AC shall be consists Etc. complete the panal board shall be fabricated in single unit in the above components panal board suitable pump set 10HP to 20HP with stae delta starter out door panel board up to 20HP
20	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work.
21	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work
22	Supplying of TPST with rewirable porcelain channels in SM enclosure 32 amps
23	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs crews.20"x20"x2.5"
24	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440v A.C. 50 Hz 12/24v D.C.
25	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machineries like induction motor. 2KVAR
26	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 6 to 32amps
27	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc. the pipe shall have 16 through holes of 12 mm dia
28	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia
29	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975

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Unit	Rate	Previous Measurement		Present Measurement		Total Upto Date	
		Qty	Cost	Qty	Cost	Qty	Cost
No	187.20	–	–	180.00	33696.00	180.00	33696.00
Rmtr	246.50	–	–	1800.00	443700.00	1800.00	443700.00
No	1222.00	–	–	3.00	3666.00	3.00	3666.00
No	21840.00	–	–	3.00	65520.00	3.00	65520.00
Job	5876.00	–	–	3.00	17628.00	3.00	17628.00
Job	1245.92	–	–	3.00	3738.00	3.00	3738.00
No	1872.00	–	–	3.00	5616.00	3.00	5616.00
No	303.68	–	–	3.00	911.00	3.00	911.00
No	447.20	–	–	3.00	1342.00	3.00	1342.00
KVAR	416.00	–	–	3.00	1248.00	3.00	1248.00
No	1783.60	–	–	3.00	5351.00	3.00	5351.00
No	3119.69	–	–	3.00	9359.00	3.00	9359.00
Rmt	348.40	–	–	9.00	3136.00	9.00	3136.00
Rmt	156.00	–	–	150.00	23400.00	150.00	23400.00

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Sl no	Description of Item
30	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) cutting road surface in hard soil
31	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.6 sqmm to 16 sqmm.
32	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc
33	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.
34	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification
35	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification.Cutting in cement concrete road Surface
36	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. (Manual Means) in ordinary soil
37	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete.
38	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts. (Compacting with vibro roller)
39	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments
40	Bescom charges

Certificate:

1. This is certify that the Contractor has completed the work satisfactory.
2. The Contractor has cleared the debris from the work spot.
3. The contractor has used his own vehicles for the conveying the debris.
4. There are no departmental issues for the above work.

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Unit	Rate	Previous Measurement		Present Measurement		Total Upto Date	
		Qty	Cost	Qty	Cost	Qty	Cost
Rmt	106.08	–	–	150.00	15912.00	150.00	15912.00
Rmt	19.01	–	–	135.00	2566.00	135.00	2566.00
No	280.80	–	–	9.00	2527.00	9.00	2527.00
No	180.96	–	–	9.00	1629.00	9.00	1629.00
Cum	563.68	–	–	8.10	4566.00	8.10	4566.00
Cum	1150.24	–	–	4.05	4658.00	4.05	4658.00
Cum	272.48	–	–	159.53	43469.00 43467.00	159.53	43469.00 43467.00
Rmt	161.20	–	–	709.00	114291.00	709.00	114291.00
Cum	107.12	–	–	159.53	17089.00 17088.00	159.53	17089.00 17088.00
Each	1237.60	–	–	20.00	24752.00	20.00	24752.00
each	19500.00	–	–	3.00	56386-00 58500.00	3.00	58500.00 58386-00
	18795.5				Sub Total 3167642.00	3165531/-	3167642.00 3165531/-
					GST 12% 380117.00	379864/-	380117.00 379864/-
					Grand Total 3547759.00		3547759.00

3545395-00

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3545395-00

24/06/2021

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